

# ZMQ Event Publisher Plugin

## Plugin Information

View Event Publisher (via ZMQ PUB SUB) [on the plugin site](#) for more information.

This is a Jenkins plugin that will publish Jenkins Job run events (start, complete, finish) to a ZMQ PUB socket. By default the PUB socket is on TCP port 8888 and no Job events will be published. You can choose to enable event publishing for all jobs in the Jenkins' global config or enable the plugin on a per job basis.

This plugin uses `jeromq` to satisfy the dependency on ZMQ. It is possible to use `jzmq` instead if you need the features that `jeromq` is lacking; however, it is a pain to get `jzmq` built and is less portable. If you really really want `jzmq` look back in the git history and you will find the old versions of this plugin that depended on `jzmq`.

TODO:

- Avoid reading in the global config for each event if possible.
- Need to allow `ZMQRunnable` thread to die if something truly unexpected happens. The `RunListener` should then start a new `DaemonThread` to handle further events.
- Cleanup `config.jelly` for the non global Job config.

This plugin borrows heavily from the Jenkins Notification Plugin <https://github.com/jenkinsci/notification-plugin>. That plugin does much of the same work and where applicable I have gone the easy route and copied the work they have done.

Contributing

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To browse the latest code, see: <https://git.openstack.org/cgit/openstack-infra/zmq-event-publisher/tree/>

To clone the latest code, use

```
`git clone git://git.openstack.org/openstack-infra/zmq-event-publisher`
```

Bugs are handled at: <https://storyboard.openstack.org/#!/project/750> | <https://storyboard.openstack.org/#!/project/750>

Code reviews are handled by gerrit. The gerrit in use is <http://review.openstack.org>

Developer docs: <http://docs.openstack.org/infra/manual/developers.html>